



ENVIRONMENTAL CONSULTANTS

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Crawford Station MGP Site Chicago, Illinois

Weekly Field Progress Report

Report Date: June 8, 2012

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Submitted To: Integrys Business Support, LLC (IBS)
Naren M. Prasad, PE

Activity Period: May 27, 2012 through June 2, 2012

The following summarizes the environmental field activities performed by NRT on behalf of IBS at the former Crawford Station MGP site Time Critical Removal Action (AOC V-W-11-C-981):

<i>Task</i>	<i>Environmental Activities</i>
General Description of Work Performed:	<p>The following activities were conducted:</p> <ul style="list-style-type: none">• Tecnica completed the excavation of Area A down to design depth.• Tecnica excavated material on the east side of the sheet pile stabilization wall in Area I due to NAPL flowing into the sheet pile area. This material was stockpiled and foamed and will be taken to the amendment pad in order to be amended with bed ash. Oil absorbent pads were used to clean the NAPL staining from the sheet pile area.• Tecnica placed and compacted backfill in Areas E, C, D, F and FA. The areas remains a few feet below grade, and will continue to be backfilled next week.• Tecnica excavated and loaded out material from Areas L, M and N in order to create truck routes for backfilling within the sheet pile in Areas L, M and N.• Thatcher was on site on May 31, 2012 and June 1, 2012 to repair minor leaks within the sheet pile area.• Rusmar foam and woodchips were used in active excavation and on stockpile in order to mitigate odors as needed.• Excavated soils were loaded and transported to Waste Management's Laraway Road RDF landfill for disposal. A total of 11,298 tons of material was disposed of at the landfill bringing the overall project total to 129,716 tons.

General Description of Work Performed: (continued)	<ul style="list-style-type: none"> Utilized GPS to locate pertinent items and features. NRT conducted air monitoring activities for PM₁₀ through the use of DustTraks, 12-hour time-weighted samples for BTEX and Naphthalene through the use of SUMMAs, and real time VOC concentrations using PIDs. Additionally, no odor/dust issues were noted at the perimeter of the site
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<i>Task</i>	<i>Environmental Activities</i>
Sampling Activities Performed:	<p>NRT conducted the following sampling activities:</p> <ul style="list-style-type: none"> DustTraks collected particulate data each day and data has been downloaded for analysis. Three SUMMA canisters were deployed on May 30, 2012 and sent to TestAmerica Laboratory for BTEX and naphthalene analysis.
NRT Field Personnel:	Ronald J. Horan, PG and Kyle Bareither.
Equipment Deployed:	SUMMA Canisters DustTraks PIDs Multi-gas meter
Field Photos:	See attached sheets.

Additional site activities:

Representatives from Peoples Gas, including sub-contractors, remained on-site through the week to continue their quality assurance procedures on the 24 inch diameter high pressure gas line running through the southern portion of the RAA.

Water is being pumped from the open excavations as needed. Water is sent through the Water Treatment System and discharged into the City of Chicago sewer for discharge into the MWRD system.

NRT decided to extend the western extent of the northern portion of Area A, north of Area D approximately 30 feet to the west due to visually impacted soil. NRT also decided to extend the northernmost extent of Area A 20 feet north to the northern extent of the potential removal area south of the overburden staging area due to visually impacted soil. This material is planned to be excavated early next week.

Work planned for the coming week, June 3, 2012 through June 9, 2012, is as follows:

- Take additional floor and wall samples in the extended excavation of Area A.
- Take additional floor samples in the potential removal area south of Area R and Areas TA and Area S as they become available.
- Sample amended soil stockpiles to be analyzed for Benzene for disposal purposes as needed.
- Provide environmental oversight for the quality assurance work being performed by Peoples Gas and their sub-contractors.
- Conduct Full Scale Air monitoring consisting of one 12-hour SUMMA can sampling event per week. The days of the 12-hour sampling will be determined to coincide with excavation activities.
- Receive and review post-excavation confirmation, post amendment, and air sampling from TestAmerica.

A weekly field progress report will continued to be issued throughout the duration of field activities for this Time Critical Removal Action. A written report summarizing the results and findings of the Removal Action will be provided following completion of all field activities.

A summary of the construction activities as detailed by the Construction Manager have been included with this report as Attachment 1.

Please feel free to contact us if you have any questions.

Sincerely,

NATURAL RESOURCE TECHNOLOGY, INC.



Timothy B. Norris, PG
Geologist

Attachment 1: Burns and McDonnell Construction Management Report

Field Photos:



Photo 1: Tecnica excavating impacted material east of the stabilization wall in Area I.

Direction: Facing south/southeast

Photo Date: 5/29/2012

Photo Taken By: KJB



Photo 2: Tecnica excavating Area A.

Direction: Facing northwest.

Photo Date: 5/30/2012

Photo Taken By: KJB



Photo 3: Backfilling operations in Area C and Area E.

Direction: Facing west.

Photo Date: 5/31/2012

Photo Taken By: KJB

Field Photos (continued):



Photo 4: Tecnica excavating overburden material in Areas L, M and N.

Direction: Facing south.

Photo Date: 5/31/2012

Photo Taken By: KJB



Photo 5: General view of partially backfilled Areas C, E, D, F and FA.

Direction: Facing southwest.

Photo Date: 6/1/2012

Photo Taken By: KJB



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Week of: 5/27/12 to 6/2/12

**Subject: Site Remediation – Construction Management
Peoples Gas – Former Crawford Station**

Burns & McDonnell Personnel Onsite

Site Construction Manager

- Dave D'Armond

Site Remediation Supervisor

- Bernard Gill

Construction Manager

- Dave D'Armond

Others

- None

Subcontractors Onsite

- Tecnica Environmental Services
- Thatcher Foundations

Others

- Natural Resource Technology (NRT)
- Waste Management (Dave Weber, Steve Jiskra)
Ed Froehlich (MT)

Integrays Peoples Gas Personnel Onsite

- Steve Griffin
- Mike Anderson
- John Maclagno

Miscellaneous Visitors

- Chuck Sabel (Michels)

Site Activities

BURNS & MCDONNELL

- Managed site activities with Tecnica Environmental Services and Thatcher Foundations;
- Issued trucking tracking forms for all excavated soils from Areas A, S, L, I, M, and N;
- Tracked 319 loads (6,088.63 tons) for Direct soils disposal and 278 loads (5,192.60 tons) for Bio soil disposal at Laraway Landfill;
- Received 378 loads of CA-6 (8,488.90 tons), 28 loads of RR-2 (618.57 tons), and 19 loads of CA-1 (424.69 tons) for backfill in Areas F, FA, D, C, L, M, and N;
- Pumped and discharged 56,181 gallons of treated excavation water to MWRD;
- Participated in daily subcontractor pre-task analysis safety meetings on site;
- Conducted periodic health and safety air monitoring in excavation area – no elevated readings;
- Held the weekly site construction meeting with Supervisors of Subcontractors, Waste Management; and
- Monitored site conditions for traffic, dust, odor and overall safety.

TECNICA ENVIRONMENTAL SERVICES

- Excavated and loaded out soils from Areas A, L, M, N, and S;
- Controlled odors through foaming and wood chips use;
- Actively suppressed dust on site through watering and haul road maintenance;
- Operated and maintained truck scale;
- Continuously monitored air quality in south half of the Earth Retention System (ERS) during work in sheeting area;
- Assisted BMcD in water treatment system operation and maintenance;
- Continuously monitored site fencing, silt fence, and erosion control materials;
- Excavated additional areas to the north and west of the original Area A;
- Performed routine maintenance on decon pad, tracking pad and haul road;
- Pump water from Areas L, M, N, and R; and
- Assisted Thatcher during repair of south half of the ERS).

THATCHER FOUNDATIONS

- Repaired minor leaking at a few interlocking joints in main sheeting wall with ADEKA sealant in south half of the Earth Retention System (ERS).

Changes to Scope of Work

- Continued support for PGL pipe integrity excavation; and
- Continue excavating to the north and west of original Area A.

Open/Outstanding Items

- Investigating the trucker incident of May 17 to achieve final resolution and procedural changes – the police report is due about June 6.

Anticipated Activities for the Week of June 3, 2012

- Continue amending soil with bed ash to lower benzene concentration.
- Finish backfilling north half of sewer, and Areas A, C, D, and E;
- Excavate and load out in Areas L, N, M, I, S, TA, and A;
- Start backfilling south half of the ERS; and
- Pump water as needed from areas I, and south of R.



Crawford Station Site:

Remediation

Date: May 30, 2012

Description: Looking southeast from west property line sheeting at backfill operations in Areas B, C, D, E, F, and FA.



Crawford Station Site:

Remediation

Date: June 1, 2012

Description: Tar seeps at about 8 to 10 feet below ground surface (bgs) in the sidewall to be excavated in Area I, looking south.



Crawford Station Site:

Remediation

Date: June 1, 2012

Description: View to southwest from sewer marker sand to CA-6 compacted backfill in Areas B, C, D, E, F, and FA.



Crawford Station Site:

Remediation

Date: June 1, 2012

Description: Exposed 24-inch High Pressure gas line as part of Peoples Gas pipeline integrity dig to fix detected corrosion spots, with Tecnica, BMcD, and NRT support. Looking east along south fence of site.